

Application No. 10/765,035
Amendment dated April 13, 2005
Reply to Office Action of December 14, 2005

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Listing of Claims:

1. (currently amended) A rolling door assembly comprising first and second corresponding plastic panels secured to one another by a hinged panel interlock, each panel having first and second interlock parts to opposite side edges of each panel, the hinged panel interlock being formed by the first interlock part of the first panel securing with the second interlock part of the second panel, each panel having end openings ~~remotely spaced to one side~~ of the hinged panel interlock in opposite ends of each panel, each end opening being fitted with an insert having a plug portion with an elongated cylindrical bore which receives an axle of a door roller having a roller head adjacent to the side edge of the door assembly, each insert including a front face perpendicular to the plug portion against the panel edge that extends and overlaps the hinged panel interlock.

2. (currently amended) A rolling door assembly as claimed in Claim 1 wherein ~~each of said inserts includes a front face which is perpendicular to the plug portion against the panel edge, the~~ said front face of the each insert including includes a projection which extends past the panel edge into the panel where the projection is secured to hold the insert within the panel.

3. (original) A rolling door as claimed in Claim 2 wherein the panel comprises an interior wall and an exterior wall separated by reinforcing foam material, said projection comprising projecting tabs of said insert having piercing tips for embedding the tabs within the foam material of the panel.

4. (original) A rolling door assembly as claimed in Claim 3 including a mechanical fastening member fitted through said interior wall of said panel and engaged with the tabs of the insert to secure the insert within the panel.

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5. (currently amended) ~~A rolling door assembly as claimed in Claim 1~~
wherein A rolling door assembly comprising first and second
corresponding plastic panels secured to one another by a hinged
panel interlock, each panel having first and second interlock
parts to opposite side edges of each panel, the hinged panel
interlock being formed by the first interlock part of the first
panel securing with the second interlock part of the second
panel, each panel having end openings spaced to one side of the
hinged panel interlock in opposite ends of each panel, each end
opening being fitted with an insert having a plug portion with an
elongated cylindrical bore which receives an axle of a door
roller having a roller head adjacent to the side edge of the door
assembly; and wherein each panel comprises an outer panel wall
separated from an inner panel wall by a hollow panel interior,
said hollow panel interior comprising a major hollow region
occupying most of the panel interior and a minor hollow region
next to the hinged panel interlock, the major and minor hollow
regions being separated by a neck part of the panel, the end
opening being at the minor hollow region into which the plug of
the insert is fitted trapped to opposite sides by the hinged
panel interlock and the neck part of the panel.

6. (original) A rolling door assembly as claimed in Claim 5 wherein
said minor hollow region has a circular cross section and wherein
said plug portion has a circular cross section snugly held within
said minor hollow region, and a face portion which is
perpendicular to said plug portion and which is held against the
panel edge.

7. (currently amended) ~~A rolling door assembly as claimed in Claim 1~~
wherein A rolling door assembly comprising first and second
corresponding plastic panels secured to one another by a hinged
panel interlock, each panel having first and second interlock

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parts to opposite side edges of each panel, the hinged panel interlock being formed by the first interlock part of the first panel securing with the second interlock part of the second panel, each panel having end openings spaced to one side of the hinged panel interlock in opposite ends of each panel, each end opening being fitted with an insert having a plug portion with an elongated cylindrical bore which receives an axle of a door roller having a roller head adjacent to the side edge of the door assembly; and wherein said insert includes a second plug portion, said plug portion fitting into the edge opening of the panel remotely of the interlock and being connected to said second plug portion which fits into the hinged panel interlock which is recessed to receive said second plug portion, said cylindrical bore in which the axle of the door roller is received being located in said second plug portion of said insert.

8.(original) A rolling door assembly as claimed in Claim 7 wherein said first and second plug portions clamp, from opposite sides, on to a panel edge part where said hinged panel interlock is recessed to receive said second plug portion of said insert, said plug portion and said second plug portion being secured to one another through said panel end region to secure said insert with the panel.